

REMARKS

The Office Action of 09/14/2007 has been carefully considered. Reconsideration in view of the foregoing amendments and the present remarks is respectfully requested.

Claims 1-3, 5 and 6 were rejected as being anticipated by Raynaud in view of Kiyohiro. Claim 4 was rejected as being unpatentable over the same base combination further in view of Kovacs. The claims have been amended to more clearly distinguish over the cited references. Reconsideration is respectfully requested.

In particular, claim 1 has been amended to recite a comparator for forming a difference signal between the output signal produced by the conversion circuitry and the reference signal, and means for directly controlling the amplitude level of the amplified signal using the difference signal. No such combination of features is taught or suggested by the cited combination, in particular Raynaud.

Rather, in Raynaud, the difference signal produced by the comparator 16 is further processed in a complicated processing chain including control means 17, DAC 19, filter 20, and voltage converter 21, at which point the resulting signal is used to control the *bias* of the amplifier 10. Control of the amplifier bias does not directly control the amplitude level of the amplified signal as in the present invention.

Withdrawal of the rejections and allowance of claims 1-6 is respectfully requested.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "M. Ure", is written over a horizontal line.

Michael J. Ure, Reg. 33,089

Dated: 10/29/2007